## In the Claims

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- 1-9. (cancelled)
- 10. (new) A process for producing cling fastener parts with a large number of interlocking members, comprising the steps of:

supplying a formulation of radiation-cross linkable prepolymers to a forming station; shaping the formulation in the forming station into a large number of interlocking members together with a base; and

treating the interlocking members and base with radiation to cure the formulation thereof.

- 11. (new) A process according to claim 10 wherein said shaping is performed by molding, casting and/or compression molding.
- 12. (new) A process according to claim 10 wherein said prepolymers are acrylic.
- 13. (new) A process according to claim 10 wherein

the prepolymers are selected from the group consisting of polyester acrylates, epoxy acrylates, polyether acrylates, silicone acrylates and urethane acrylates.

14. (new) A process according to claim 10 wherein

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the prepolymers are urethane acrylates which are aliphatic mono-, bi- or trifunctional urethane acrylates.

- 15. (new) A process according to claim 10 wherein the formulation encompasses reactive diluents.
- 16. (new) A process according to claim 15 wherein the reactive diluents are monomers.
- 17. (new) A process according to claim 15 wherein the reactive diluents are acrylates.
- 18. (new) A process according to claim 17 wherein

the acrylates are monofunctional acrylates from the group consisting of butyl acrylate, 2-ethylhexyl acrylate, hydroxyethyl acrylate, hydroxypropyl acrylate, 4-hydroxybutyl acrylate, ethyl diglycol acrylate, isodecyl acrylate and 2-ethoxyethyl acrylate; bifunctional acrylates from the group consisting of diethylene glycol diacrylate, dipropylene glycol diacrylate, triethylene glycol diacrylate, tripropylene glycol diabrylate and 1,6-hexanediol diacrylate; and/or trifunctional acrylates from the group consisting of trimethylolpropane triacrylate and pentaerythritol triacrylate.

19. (new) A process according to claim 18 wherein the reactive diluents are 2-ethoxyethyl acrylate, isodecyl acrylate, 1,6-hexanediol diacrylate and trimethylolpropane triacrylate.

20. (new) A process according to claim 10 wherein the radiation curing takes place by way of an electron beam.

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- 21. (new) A process according to claim 10 wherein the radiation curing takes place by way of UV radiation.
- 22. (new) A process according to claim 21 wherein the formulation comprises at least one photoinitiator.

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- the photoinitiator is selected from the group consisting of  $\alpha$ -hydroxyketones,  $\alpha$ -aminoketones, dimethylketals of benzil, bisbenzoylphenylphosphine oxides, metallocenes, and derivatives thereof.
  - 24. (new) A process according to claim 23 wherein the photoinitiator is 2-hydroxy-2-methyl-1-phenylpropan-1-one.

(new) A process according to claim 22 wherein

25. (new) A process according to claim 11 wherein

the molding, casting or compression molding takes place in a gap between a shaping roll and a backing roll; and

the shaping roll has a large number of radial cutouts, where the interlocking members are formed during passage through the gap.

- 26. (new) A process according to claim 24 wherein the formulation has a viscosity at 25°C from 150 to 20,000 mPa.s.
- 27. (new) A process according to claim 26 wherein the viscosity is from 300 to 5,000 mPa.s.
- 28. (new) A process according to claim 10 wherein

the shaping takes place in a gap between a shaping roll and a backing roll by compressing the formulation into radial cutouts in the shaping roll.

- 29. (new) An apparatus for producing cling fastener parts, comprising:
- a shaping roll having a plurality of radial cutouts;
- a backing roll spaced from said shaping roll to define a gap therebetween;

feed means for supplying a formulation of radiation-cross linkable prepolymers to said gap; and

a radiation source curing said prepolymers after being fed into said radial cutouts, said radiation source being one of a UV radiation source and an electron-beam source.